रजि. सं. डी एल—33001/98 REGISTERED NO. DL—33001/98

भारत का राजपत्र
The Gazette of India
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 51] नई दिल्ली, शनिवार, दिसम्बर 19, 1998 (अग्रहायण 28, 1920)
No. 51] NEW DELHI, SATURDAY, DECEMBER 19, 1998 (AGRAHAYANA 28, 1920)

CENTRAL SECRETARIAT LIBRARY 1/9/98 GOVT. OF INDIA भारत सरकार

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 19th December 1998

ADDRESS AND JURISDICTION OF THE OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Mumbai, Delhi and Chennai having territorial jurisdiction on a Zonal basis as shown below :—

Patent Office Branch,
Todi Estates, IIIrd Floor,
Lower Parel (West), Mumbai-400 013.

The States of Gujarat, Maharashtra, Madhya Pradesh and Goa and the Union Territories of Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE"

Patent Office Branch,
Unit No. 401 to 405, IIIrd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh and Delhi and the Union Territory of Chandigarh.

Telegraphic address "PATENTOFIC"

Patent Office Branch,
Wing 'C' (C-4, A),
IIIrd Floor, Rajaji Bhavan, Besant Nagar,
Chennai-600 090.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and Pondicherry and the Union Territories of Laccadive, Minicoy and Amindivi Islands.

Telegraphic address "PATENTOFIS"

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate offices of the Patent Office.

Fees.—The fees may either be paid in cash or may be sent by Money Order or payable to the Controller at the appropriate Offices or by bank draft or cheque payable to the controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 19 दिसम्बर 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिन के प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में दर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटोफिस"

पेटेंट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिविवि द्वीप ।

तार पता-"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय उपनिवेशीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4 आचार्य जगदीश बोस मार्ग
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालयों में ही प्राप्त किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक के पक्ष में भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपरोक्त कार्यालय स्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4 ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dated shown in the crescent brackets are the dated claimed under Section 135, under Patent Act, 1970.

15-10-1998

1834/Cal/98. TNT Labs. Inc., "A technique to transfer multiple data streams over a wire or wireless medium". (Convention No.. 60/062,199 on 16-10-97 in U.S.A.).

1835/Cal/98. Cincinnati Milacron Inc., "Two-stage electric injection unit". (Convention No. 09/024731 on 17-02-98 in U.S.A.).

1836/Cal/98. Schweitzer Engineering Laboratories, Inc., "System for preventing undesired protective relay tripping actions due to coupling capacitor voltage transformer transients". (Convention No. 08/953,310 on 16-10-97 in U.S.A.).

16-10-1998

1837/Cal/98. Borealis A/S., "Electric cable and a method and composition for the production thereof", (Convention No. 9703798-0 on 20-10-1997 in Sweden).

1838/Cal/98. The Registrar North Eastern Hill University. "Synthesis of Diethyl dichloro (N-(2-pyridyl methylene) - 4 - toluidine) tin (IV) : A novel diorganotin compound having antitumour and anticancer activity".

1839/Cal/98. Thomas Meeks, "Method and apparatus for viscosity reduction of clogging hydrocarbons in oil well", (Convention No. 08/959,777 on 29-10-97 in U.S.A.).

1840/Cal/98. New Transducers Limited. "Loudspeakers" (Convention No. 9722079.2 on 21-10-1997 in United Kingdom).

1841/Cal/98. Saes Getters S.P.A., "Evaporable getter device with improved deflector". (Convention No. MI 97A 002441 on 30-10-1997 in Italy).

1842/Cal/98. Plastics Fabrication Technologies, LLC, "Barrier-coated polyester". (Convention Nos. 08/953,595 on 17-10-97 & 60/078,641 on 19-03-98 in U.S.A.).

1843/Cal/98. Mannesmann VDO AG. "Filling level sensor", (Convention No. 19746276.6 on 20-10-97 in Germany).

1844/Cal/98. The General Hospital Corporation, "Use of inhaled no as anti-inflammatory agent", (Convention Nos. 60/602,926 on 21-10-97 & 08/971,003 on 14-11-97 in U.S.A.).

1845/Cal/98. ELI Lilly & Co., "Process for the synthesis of benzothiphenes", (Convention No. 60/031181 on 19-11-96 in U.S.A.). Divided out of No. 2144/Cal/97 anti dated to 19-11-97.

1846/Cal/98. Yamaha Hatsudoki Kabushiki Kaisha, "Anti-theft apparatus for motorcycle", (Convention Nos. 9-283903 on 16-10-97 & 9-286651 on 20-10-97 in Japan).

20-10-1998

1847/Cal/98. (1) Sangstat Medical Corporation, and (2) The University of North Carolina at Chapel Hill, "Oral cyclosporin formulations", (Convention No. 08/956,841 on 23-10-97 in U.S.A.).

1848/Cal/98. (1) Jin, Jiesheng (CN), (2) Zhou, Yushi (CN), (3) Liu, Yuefang (CN), and (4) Luo, Chicheng (CN), "Expansion joint means for connecting metal pipes".

1849/Cal/98. Hitachi Ltd., "Electric power translating device", (Convention No. 9-299915 on 31-10-97 in Japan).

1850/Cal/98. NKK Corporation, "Structure of metallurgical furnace and operation method using the same", (Convention Nos. 9-287188 on 20-10-97, 9-287189 on 20-10-97, 9-291940 on 24-10-97, 9-334284 on 04-12-97, 9-338798 on 09-12-97, 10-016506 on 29-01-98, 10-016507 on 29-01-98 in Japan).

1851/Cal/98. Nalco Chemical Company, "Method of improving settling characteristic in bayer process".

1852/Cal/98. Siemens Aktiengesellschaft, "Process for the industrial production of a layer comprising MOSI$_2$", (Convention No. 19748541.3 on 03-11-97 in Germany).

1853/Cal/98. Comsat Corporation, "Power output control system for RF communications systems", (Convention Nos. 60/064,673 on 20-10-97, 60/062,496 on 20-10-97 & 60/062,497 on 20-10-97 in U.S.A.).

1854/Cal/98. Comsat Corporation, "System for acquisition and synchronization of terminals in a satellite/wireless TDMA system", (Convention Nos. 60/062.496 on 20-10-97, 60/062,497 on 20-10-97 and 60-064,673 on 20-10-97 in U.S.A.).

1855/Cal/98. Synthelabo, "Benzoxazine derivatives, their preparation and their therapeutic application", (Convention No. 9713149 on 21-10-97 in France).

1856/Cal/98. Comsat Corporation, "System for uplink power control for distributed TDMA satellite/wireless networks to compensate for rain fade and equipment impairments", (Convention Nos. 60/064,673 on 20-10-97, 60/062,497 on 20-10-97 and 60/062,496 on 20-10-97 in U.S.A.).

1857/Cal/98. Comsat Corporation, "System for measurement and reduction of frequency offsets in distributed satellite/wireless networks and corresponding communications system", (Convention Nos. 60/062,497 on 20-10-1997 in U.S.A.).

1858/Cal/98. Comsat Corporation, "Adaptive modulation technique and satellite communication network implementing the same", (Convention Nos. 60/064 673 on 20-10-97, 60/062.497 on 20-10-97 and 60/062,496 on 20-10-97 in U.S.A.).

1859/Cal/98. Comsat Corporation, "System for transport of frame relay traffic over satellite/wireless networks", (Convention No. 60/062,496 on 20-10 97 in U.S.A.).

1860/Cal/98. Comsat Corporation, "System for generation of accurate doppler-free local clock in satellite/wireless networks" (Convention Nos 60/062, 497 on 20-10-97, 60/064,673 on 20-10-97 and 60/062,496 on 20-10-97 in U.S.A.).

1861/Cal/98. Comsat Corporation, "System for transmission of circuits, packets, and cells in a satellite/wireless TDMA system", (Convention Nos. 60/062,496 on 20-10-97, 60/062,497 on 20-10-97 and 60/064,673 on 20-10-97 in U.S.A.).

CHANGE OF ADDRESS

The address of service in respect of Shri Arindam Paul and Mr. H. Subramaniam, Patent Attorneys is changed as follows :

Mr. Arindam Paul,
C/o M/s Daswani & Daswani,
Patent & Trade Marks Attorney,
Jabakusum House, 1st Floor,
34, Chittaranjan Avenue,
Calcutta-12.

Mr. H. Subramaniam,
H. Subramaniam & Associates,
Attorneys-At-Law,
Patent & Trade Marks Agents,
E-556, Greater Kailash-II,
New Delhi-110 048.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित तक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में उसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 76 में यथा विहित उसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा लिखित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है[1] । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश को सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है[2]) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है[3] ।

Ind. Cl. : 57 D 182051

Int. Cl. : E 05 F 15/00.

TRAPPING PROTECTOR FOR POWER OPERATED CLOSING DEVICES.

Applicant : METZELER AUTOMOTIVE PROFILES GMBH., OF BREGENZER. 133, 88131 LINDAU, BODENSEE, GERMANY.

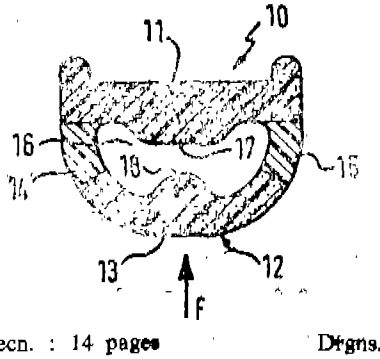
Inventors : 1. DIPL. ING. ANDREAS BONNE
2. DIPL. ING. KLAUS GLAGOW
3. DIPL. ING. SEBASTIAN JAGER
4. DR. BERNHARD WEISS
5. DIPL. ING. GYALA HABER
6. JURGEN SCHABERICK

Application No. : 649/Cal/1993 filed on 28th October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

18 Claims

Trapping protector for power operated closing devices, particularly electrically operated windows and sunroofs of motor vehicles, with two electrical conductors a distance apart from each other which trigger a switching process in respect of the drive unit when brought into contact, characterized in that the trapping protector comprises a flexible hollow profile (10) which may be fixed on the vehicle interior or on the frame parts of vehicle windows or on the edges of a sunroof or the opposing roof opening edges of motor vehicles is made of elastomer, thermoplastic or like non conductive material which has a flat base area (11) and a mounted arched profile area (12), enclosing a hollow chamber (16), and that the base area (11) and the zenith area (13) of the arched profile area (12) comprise conductive material and are separated from each other by means of insulating profile areas (14, 15) as herein described.



(Compl. Specn. : 14 pages Drgns. : 4 sheets)

Ind. Cl. : 65A1 182052

Int. Cl.[4] : H 02 M 7/5395.

THREE LEVEL POWER CONVERTING APPARATUS.

Applicants : HITACHI, LTD., OF 6, KANDA SURUGA-DAI 4-CHOME, CHIYODA-KU, TOKYO 101, JAPAN.

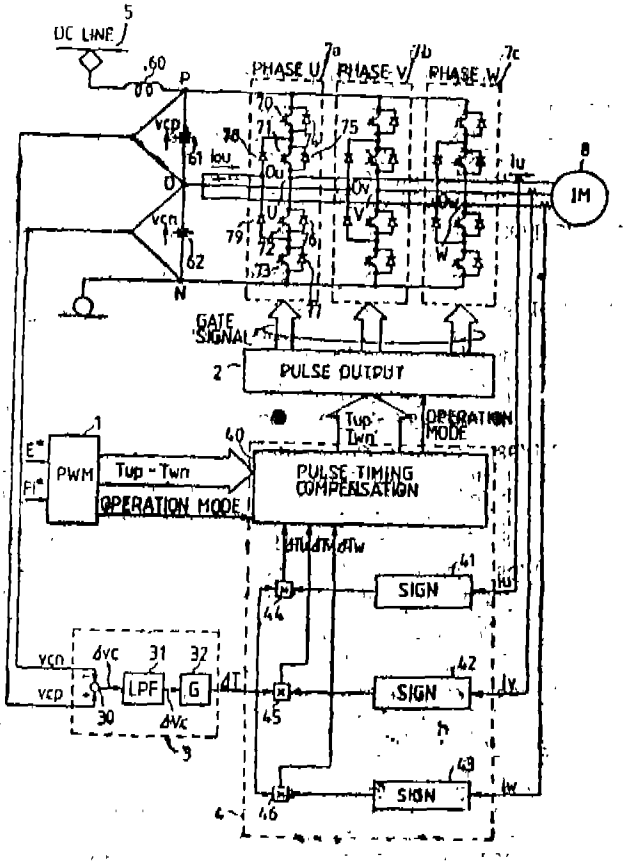
Inventors : 1. KIYOSHI NAKATA
2. MUTSUHIRO TERUNUMA
3. TOKUNOSUKE TANAMACHI
4. KIYOSHI NAKAMURA

Application for Patent No. 653/Cal/1994 filed on August 12, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A three level power converting apparatus comprising a plurality of capacitors (61, 62) connected in series across a DC voltage source (5), switching units (7a, 7b, 7c) in respective phases (U, V, W) each having plurality of switching devices (70, 71, 72, 73) for converting said DC voltage supplied from the capacitors (61, 62) to an AC phase voltage having three potentials of a positive potential a negative potential and an intermediate potential therebetween as one cycle of said AC phase voltage, by controlling ON and OFF state of said switching devices (70, 71, 72, 73), said power converting apparatus characterised by an intermediate potential adjusting means (41, 42, 43; 44, 45, 46; 47, 48, 49) for adjusting a duration ($\triangle$ T) of said intermediate potential in a predetermined phase of said AC voltage, by controlling ON and OFF of said switching devices (70, 71, 72, 73) on the basis of an output current polarity (O, iu. iv, iw) in said predetermined phase of said AC phase voltage and a voltage difference between said DC voltages supplied from the respective capacitors connected in series so as to balance said DC voltages.



(Compl. Specn. : 33 pages; Drgns. : 10 sheets)

Cl. : 128 G. 182053

Int. Cl. : A 61 M 25/00.

CATHETER WITH STICK PROTECTION.

Applicant : CRITIKON, INC., OF 4110 GEORGE ROAD, TAMPA, FLORIDA 33634, UNITED STATES OF AMERICA.

Inventors : 1. JOSEPH J. CHANG
2. DENNIS M. BIALECKI
3. MARK A. PANZERA AND
4. GERALD J. KOVALIC

Application No. 739/Cal/1994 filed on 15th September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

26 Claims

A catheter with stick protection having an introducer assembly comprising :

(a) a catheter (1) having a catheter tube (2) and a catheter hub (3);

(B) a needle (4) received within the said catheter (1) having a tip at a distal end thereof;

(C) a needle hub (7) attached at a proximal end of said needle;

(D) a tip-protector (11) slidable along said needle from a first position to a second position covering said distal tip and a sleeve of protective material extending from said protector to said hub to encase said needle and prevent movement of said protector beyond said distal tip when the said tip protector in a second position; wherein said tip protector includes holding means for preventing movement of said tip protector toward said needle hub once said tip protector has been moved to a position covering said tip.

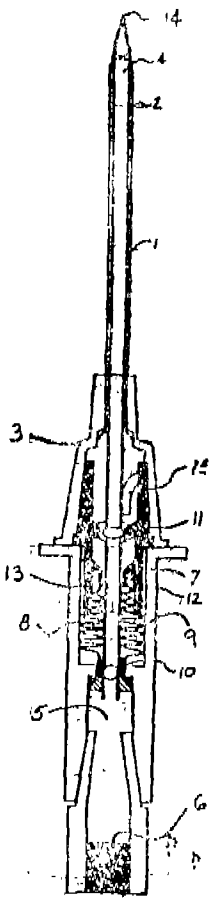


Figure 1

Compl. Specn. : 25 pages Drgns. : 10 sheets

Cl. : 87 C. 182054

Int. Cl.[4] : A 63 59/08.

A CRICKET BAT

Applicant : DUNLOP LIMITED, OF SILVERTOWN HOUSE, Vincent Square, London SW1P 2PL, England.

Inventor : MICHAEL EDWARD CURTIS.

Application No. 764/Cal/1994 filed on 22nd September, 1994.

(Convention No. 93/9847/on 25-09-1993 in Great Britain).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A cricket bat having a main body component comprising a casing of synthetic material substantially in the shape of the blade (2) of the bat and a handle (1) characterized in that the said casing of synthetic material (3) having, on its forward surface of the said casing provided with a recess (5) in which is securely located a face insert (6) as herein described of wood or wood-like material having ball-playing characteristic providing a ballstriking forward surface of the blade.

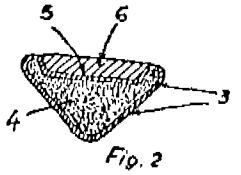


Fig. 2

(Comp. Specn. 10 pages Drgs. 01 sheet).

Ind. Cl 88D 182055

Int. Cl.[4] F 23 J 7/00, F 23 L 7/00
F 23 B 1/14, F 23 C 6/00
F 23 D 1/00

AN IMPROVED METHOD FOR OBTAINING DESULFURIZED CARBONACEOUS FUEL.

Applicant : FLORIDA POWER CORPORATION, OF 3201 34TH STREET, SOUTH, ST. PETERSBURG, FLORIDA 33733, UNITED STATES OF AMERICA.

Inventor : ROBERT ARMSTEAD ASHWORTH.

Application No. 806/Cal/94; filed on 03-10-94.

Appropriate office for opposition proceeding (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

13 Claims

An improved method for obtaining desulfurised carbonaceous fuel, the steps comprising :

(2) interoducing the carbonaceous fuel containing sulfur and nitrogen into a water jacketed 38 combustor 10 having a first stage partial oxidatron unit 48,

(b) introducing an alkali 26 into the first stage partial oxidation unit 48,

(c) passing preheated air 67 through an annular conical nozzle 66 concentric to an exit end 52 of an inner fuel feed pipe 16 within the combustor 10, the pipe 16 containing the carbonaceous fuel 64, to rapidly mix with and partially oxidize the carbonaceous fuel at the exit end 52 of the inner fuel feed pipe 16, so that air swirl is not imparted to the preheated air in the first stage partial oxidation unit 48.

(d) maintaning a resulting fuel gas-alkali molten slag mixture in the first stage partial oxidation unit for a period long enough to insure complete consumption of air to facilitate the capture of sulfur as alkali sulfides and to reduce the formation of nitrogen oxides from the carbonaceous fuel,

(e) separating the molten slag from the fuel gas in a water quench system 42 to solidify the molten slag 34 containing alkali sulfides to inhibit hydrolysis and preclude liberation of sulfur from the alkali, and

(f) routing the fuel gas to a second stage oxidation unit at an entrance 12 to a furnace 14 of a boiler, to gether with additional preheated air 44 to completely combust the fuel gas as it enters the furnace.

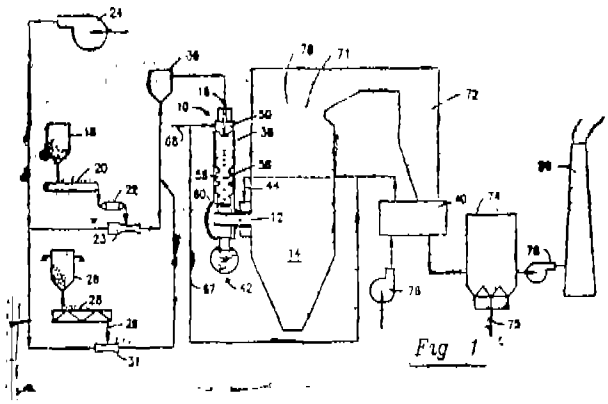


Fig 1

(Compl. Specn : 12 Pages Drgns : 05 Sheets)

Cl. 140 D 1 182056

Int. Cl. : G 02 B 26/02.

ARRAY OF THIN FILM ACTUATED MIRRORS FOR USE IN AN OPTICAL PROJECTION SYSTEM AND METHOD FOR THE MANUFACTURE THEREOF.

Applicant : DAEWOO ELECTRONICS CO. LTD., of 541, 5-Ga, Namdaemoon-Ro, Jung-Gu, Seoul Republic of Korea.

Inventors : YONG-KI MIN

MYOUNG-JIN KIM

Application No. : 955/Cal/98 filed on 16th November, 1994.

Appropriate office for opposition proceeding (Rule 4, patent rule 1972) Patent Office Calcutta.

26 Claims

An array of Mxn thin film actuated mirrors for use in an optical projection system, the array comprising;

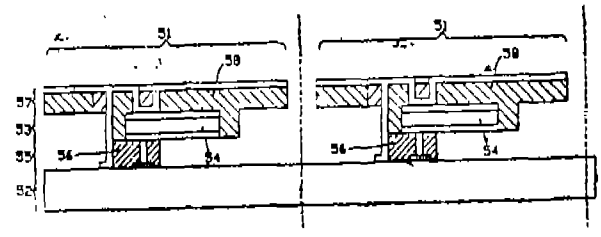
an activate matrix including a substrate an array of M × N transistors and an array of M × N connecting terminls;

an array of M × N thin film actuating structures, each of the actuating structures including a first and second actuating parts, the first and second actuating parts being identically structured, each of the first ond second actuating parts being provided with a top and a bottom surfaces, a proximal and distal ends, each of the first and second actuating parts having at least a thin film layer of a matlon inducing material including a top and a bottom surfaces and a first ond a second electrode with the first electrode being placed on the top surface of the motion-inducing thin film layer, and the second electrode, on the bottom surface of the motion - inducing thin film layer, wherein an electrical signal applied across the motion-inducing thin film layer, between the first and second electrodes of each actuating part causes a deformation of the motion inducing thin film layer, and hence the actuating part.

an array of M× N supporting members, each of the supporting members being provided with a top and a bottom surfaces, wherein each of the supporting members is used for holding each of first and second actuating parts of the actuating structures in place and also for electrically connecting the second electrode in first and second actuating parts in each of the actuating structures with the active matrix, wherein the first and second actuating part of each of the actuating structures are cantilevered from each of the supporting members by being mounted on the top surface of each of the supporting members at the bottom surface of the first and second actuating parts thereof at the proximal end; and

an array of M × N mirror layers, each of the mirror layers including a mirror for reflecting light beams and a supporting layer, each of the mirror layers including a first side, a second opposing side and a center portion located there between, wherein the first side and the second opposing side of each of the mirror layers are secured on top of the first and second actuating parts of each of the actuating structures, respectively, such that when the first and second actuating parts in each of the actuating structures deform in response to the electrical signal the center portion of the corresponding mirror layer tilts while remaining planar, thereby allowing all of the center portion to reflect the light bems, resulting in an increased optical efficiency.

FIG.2



(Compl. Specn : 32 pages Drgns : 15 sheets.

Cl. : 32 F 3(a) 182057
40 B

Int. Cl. : C 07 D 301/12.

AN INTEGRATED PROCESS FOR PRODUCING AN EPOXIDE.

Applicant : ARCO CHEMICAL TECHNOLOGY L.P., of 4001 Kennett Pike Ste 238 Greenville, De 19807, United States of America.

Inventors :

1. JOHN GEORGE ZAJACEK
2. JOHN CHESTER JUBIN, JR.
3. GUY LAMAR CROCCO.

Application No. : 965/Cal/1994 filed on 21st November, 1994.

Appropriate office for opposition proceeding (Rule 4, patent rule 1972) Patent Office Calcutta.

17 Claims

An integrated process for producing an opoxide comprising the steps of :

(a) contacting an aliphatic secondary alcohol selected from isopropanol and sec-butanol with molecular oxygen in a liquid phase at a temperature of 50 to 200 C to form an oxidant mixture comprised of 40 to 90 weight percent aliphatic secondary

alcohol, 5 to 35 weight percent of an aliphatic ketone corresponding to said aliphatic secondary alcohol, 1 to 20 weight percent hydrogen peroxide, and 0 to 35 weight percent water;

(b) separating substantially all of the aliphatic ketone from the oxidant mixture by distillation so as to provide an overhead stream of vaporized aliphatic ketone, a hydrogen peroxide containing stream comprised of hydrogen peroxide, aliphatic secondary alcohol, less than 1 weight percent aliphatic ketone and less than 0.5 weight percent aliphatic ketone peroxides;

(c) reacting the overhead stream with hydrogen in the presence of a heterogeneous hydrogenation catalyst wherein said hydrogenation catalyst is comprised of a transition metal selected from palladium, platinum, ruthenium, chromium, rhodium and nickel at a temperature of 20 to 175° C, and a hydrogen pressure of 0.5 to 100 atmospheres to convert the aliphatic ketone in the overhead stream to the aliphatic secondary school and recycling at least a portion of the aliphatic secondary alcohol for use in step (a);

(d) contacting the hydrogen peroxide-containing stream with an ethylenically unsaturated substrate and a catalytically effective amount of a titanium silicalite at a temperature of from 40°C to 120°C wherein the molar ratio of substrate : hydrogen peroxide is from 1:2 to 10:1, to form an epoxidation reaction mixture comprised of aliphatic secondary alcohol, epoxide and water; and

(e) separating the aliphatic secondary alcohol present in the epoxidation reaction mixture from the epoxide and recycling at least a portion of the aliphatic secondary alcohol for use in step (a).

Compl. Specn : 30 pages Drgns : 1 sheet.

Ind. Cl. : 144E$_6$ 182058

Int. Cl.[6] : C 09 C 1/36.

A METHOD OF PRODUCING DURABLE PIGMENTARY TITANIUM DIOXIDE.

Applicants : KERR-MCGEE CHEMICAL CORPORATION, OF MERR-MCGEE VENTER, OKLAHOMA CITY, OKLAHOMA 73125, U.S.A.

Inventors :
(1) JOHN ROBERT BRAND,
(2) ROGER ALLAN BALDWIN,
(3) THOMAS IAN BROWNBRIDGE.

Application for Patent No. : 975/Cal/1994 filed on November 22, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

13 Claims

A method of producing durable pigmentary titanium dioxide comprising the steps of :

(a) adding to an aqueous slurry of rutile titanium dioxide particles a water soluble cerium compound such as herein described, said cerium compound being added in an amount expressed as cerium oxide in the range of from 0.01$ to 1.0% by weight of titanium dioxide in said slurry;

(b) adding an acid or an alkali such as herein described, to said slurry in an effective amount for reacting with said cerium compound and depositing cerium oxide on said titanium dioxide particles; and

(c) adding a water soluble silicate and a mineral acid to said slurry to thereby deposit, at a pH of at least 8, dense amorphous silica on said titanium dioxide particles said water soluble silicate being added in an amount expressed as silica, in the range of form 1% to 6% by weight of titanium dioxide in said slurry.

(Compl. Specns. : 22 pages; Drgns. : Nil)

Cl. : 55 F. 182059

Int. Cl.[6] : A 61 K 31/12.

A PROCESS FOR THE PREPARATION OF NABUMETONE.

Applicant : HOECHST CELANESE CORPORATION, AT ROUTE 202-206 NORTH, SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors :
(1) JOHN R. FRITCH,
(2) MOHAMMAD ASLAM,
(3) DORA E. RIOS AND
(4) JOEL C. SMITH.

Application No. : 925/Cal/1996 filed on 21st May, 1996.

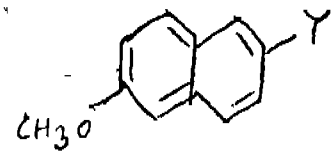
Convention Nos. : 08/473,603, 08/629,656 on 07-06-1995, 09-04-1996 in U.S.A.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

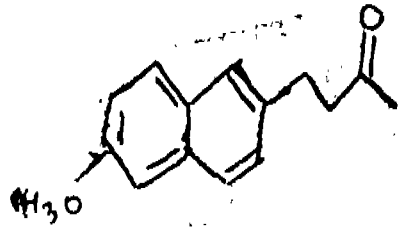
19 Claims

A process for the preparation of nabumetone comprising contucting a substituted butanone,.

wherein X=CH_3SO_3, OR, NR_2, or halogen and each R is independently hydrogen, alkyl, aryl, acyl, alkanesulfonyl, arenesulfonyle, carbamoyl, alkoxycarbonyl, of aryloxycarbonyl; with, substituted methoxynaphthalene.



wherein Y=halogen, N_2, Z; N=nitrogen; Z= IF_4, HSO_4, halide; at a temperature of 100—200°C for 10 mins. to 24 hrs. in the presence of a homogeneous or heterogeneous catalyst and subsequently hydrogenating the reaction product to yield.



Compl. Specn. 22 pages Drgns. : Nil.

Ind. Cl. : 83B 182060

Int. Cl. : C 11 C 3/00; A 23 D 5/04

A METHOD FOR THE PREPARATION OF FOODSTUFF TO REDUCE PERCEIVABLE OFF-FLAVOUR DURING FRYING.

Applicants : HINDUSTAN LEVER LIMITED AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400020, INDIA.

Inventors :
1. AUKA-JAN HEERINGA,
2. CORNELIS WILLIEM VAN OOSTEN,
3. RONALD PETER POTMAN.

Application for Patent No. 1751/Cal/1996 filed on October 03, 1996.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A method for the preparation of food stuff to reduce perceivable off-flavour during frying of said food stuff in triglyceride fat that has been used before for frying of foodstuff, by adding foodgrade material to the frying fat prior to the frying characterised in that the food grade material is fresh triglyceride fat comprising 0.1—10% flavour substance, and that the foodgrade material is added in an amount such that an amount of 10—500 ppm of flavour substance in the total amount of frying fat is obtained.

(Compl. Specn. 12 pages; Drgs. Nil sheet).

Ind. Cl. : 56 A, B, D, G. 182061

Int. Cl.[4] : C 10 C—3/06

A PROCESS AND APPARATUS FOR FURTHER PROCESSING OF A RESIDUE OBTAINED AFTER VACUUM DISTILLATION OF CRUDE OIL.

Applicant : BUSS AG, A SWISS COMPANY OF LAUTENGARTENSTRASSE 7, 4052 BASEL, SWITZERLAND.

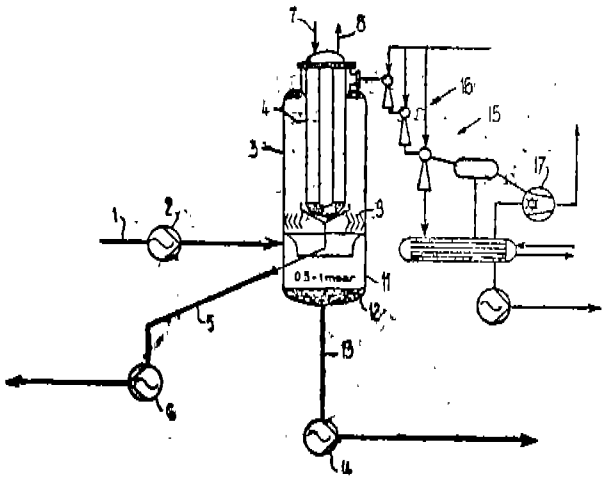
Inventor : 1. ROLF VAN DER PIEPEN.

Application No. : 750/Mas/93 filed on 21st Oct., 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

16 Claims

A process for further processing a residue obtained after vacuum distillation of crude oil, in a crude oil refinery, comprising subjecting the said residue remaining after vacuum distillation to at least one flash distillation in a chamber, to produce a distillate and a residue, and condensing the said distillate inside the flash distillation chamber, to obtain the distillate and the residue separately.



(Compl. Specn. 12 pages; Drwgs. 2 sheets).

Ind. Cl. : 157 A. 182062

Int. Cl.[4] : E 01 B—7/00

SWITCHED RAIL FOR A TRACK APPARATUS.

Applicant : COGIFER-COMPAGNIE GENERALE D' INSTALLATIONS FERROVIAIRES OF 40 QUAI DE 1, ECLUSE 78290 CROISSY SUR SEINE, FRANCE, A FRENCH COMPANY.

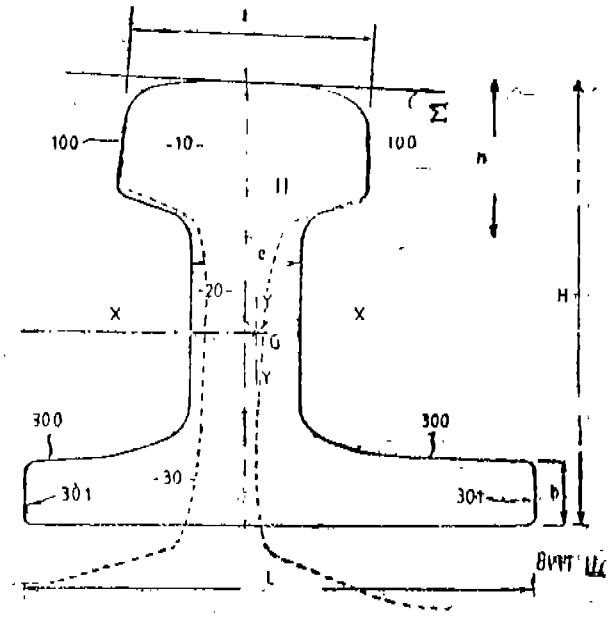
Inventors :
1. TESTART GERARD,
2. VIOU CLAUDE.

Application No. : 776/Mas/93 filed on 1st November, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

8 Claims

Switched rail for a track apparatus comprising a rail head (10) with a running surface (Σ), a web (20) having a median plane (η) and a flange (30), said flange (30) having two unequal wings (300), and wherein the centre of gravity (G) is located off the median plane (η) and is placed adjacent the largerwing, characterised in that the running surface (Σ) is inclined relative to the median plane (η) and in that the larger wing, is located on the side towards which the running surface (Σ) is inclined.



(Compl. Specn. 11 Pages; Drwgs. 5 sheets).

Ind. Cl. : 169 B 1 182063

Int. Cl.[4] : F 41 C—1 5/00

AUTOMATIC PISTOL.

Applicant : STURM, RUGER & COMPANY, INC., A DELAWARE CORPORATION OF LACEY PLACE, SOUTHPORT CT 06490, U.S.A.

Inventors :
1. WILLIAM B. RUGER,
2. JAMES McGARRY.

Application No. : 787/Mas/93 filed on 5th November, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

3 Claims

An automatic pistol having a grip frame, an ejector and a hammer pin, the said pistol comprising :

left and right spaced apart frame walls in the grip frame with aligned pin passageway holes therein;

a frame cavity between said walls in the grip frame;

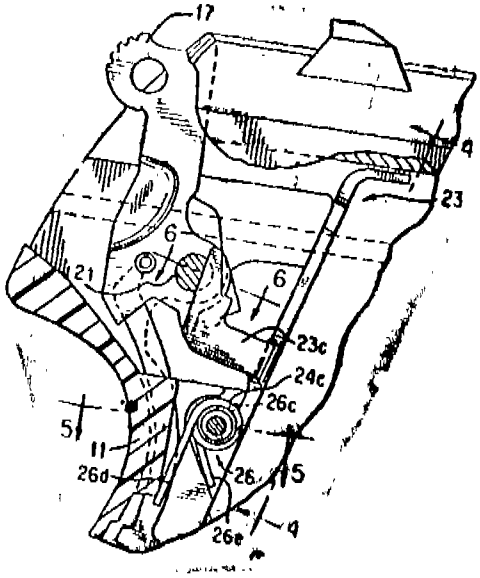
a cartridge ejector having a traverse cylindrical opening therethrough for positioning in the frame cavity and a cartridge engagement portion; and

a pin unit for releasably mounting the ejector in the cavity and mounting in said aligned passageway holes in said walls, the pin unit in turn comprising;

(a) a housing having two ends;

(b) pin projection means projecting from each end of said housing into said aligned holes; and

(c) spring means in the housing urging the pin projection means into said holes.



(Compl. Specn. 7 ages; Drwgs. 3 sheets).

Ind. Cl. :85 F 2. 182064

Int. Cl. : F 23 H 11/10.

A GRATE COOLER.

Applicant : F. L. SMIDTH & CO, A/S., OF VIGERSLEV ALLE 77, 2500 VALBY, DENMARK, A DANISH COMPANY.

Inventor : SIGFRED KRISTIAN NIELSEN.

Application No. : 854/Mas/93 filed on 26th November, 1993.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

6 Claims

A grate cooler adapted for the cooling of granular material discharged in a hot state from a klin by blowing air through the granular material

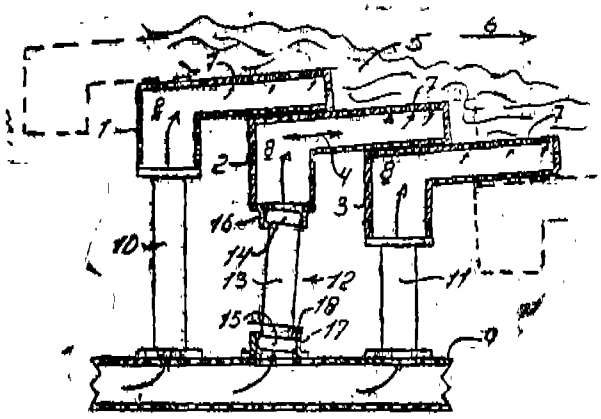
and comprising a stationary frame together with alternate rows of movable and stationary grate elements adapted for supporting a bed of granular material;

said elements being provided with air chambers and surface perforations adapted for conveying air from the air chambers through the surfaces of the grate elements into said bed of granular material;

said grate cooler comprising at least one flexible air connection for supplying cooling air to a movable grate element;

characterized in that the flexible air connection comprises a first pipe socket fixed to the movable grate element, a second pipe socket fixed to the stationary frame and a rigid pipe with two ends sections, each of said end sections having a wall thickness exceeding that of the pipe and having a rounded outer side and

each of said end sections being inserted in a respective one of said pipe sockets in a displaceable and tiltable amnner.



(Compl. specn. 09 pages; Drwg. 01 sheet).

Ind. Cl. 128 G 182065

Int. Cl.[4] : A 61 B 10/00.

APPARATUS FOR DIAGNOSING LABOR IN A PREGNANT MAMMAL.

Applicant : HYGEIA BIOMEDICAL RESEARCH INC. 71, MAIN STREET, MONSEY, NEW YORK 10952 U.S.A., COMPANY.

Inventor : ETHAN ROSENBERG
USA.

Application No. : 864/Mas/93 filed on 2nd December, 1993.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

8 Claims

An apparatus for diagnosing labor in a pregnant mammal, comprising; detecting means for detecting electrical fields inherent in muscular activity associated with labor; known means, responsive to the detected electrical fields resulting from a uterine contraction, for determining at each of a plurality of superficial abdonimal regions a rate and a direction of movement of muscular activity, and display means for displaying information expressive of the determined rate and direction of muscular activity determined from the plurality of superficial abdonimal regions to provide diagnostic information regarding the uterine condition.

(Compl. specn. 41 pages; Drwgs. 18 sheets).

Ind. Cl. : 56B 182066

Int. Cl.[6] : C 10 G 15/12.

A METHOD AND A DEVICE FOR THE PRODUCTION OF CARBON BLACK AND HYDROGEN.

Applicant : KVAERNER ENGINEERING A.S. OF PROF. KOHTSVEI 5, N-0284 LYSAKER NORWAY.

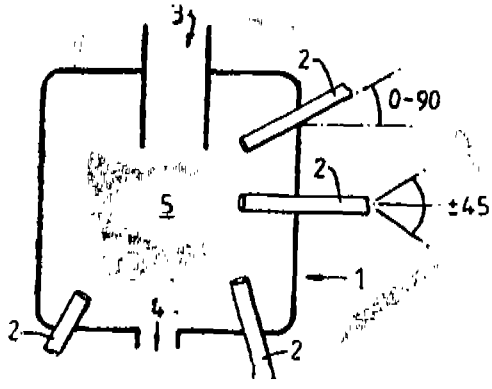
Inventors :
1. STEINAR LYNUM
2. JAN HUGDAHL
3. KETIL HOX

Application No. 924/Mas/93 filed on 21st Dec. 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

13 Claims

A method for the production of carbon black with predetermined and desired quality and hydrogen by means of pyrolysis of hydrocarbons with a plasma torch in a decomposition reactor, wherein the plasma torch is operated preferably with hydrogen gas as the plasma gas and wherein the hydrocarbons are introduced through an injection nozzle in the plasma torch and injection nozzles in the reaction chamber, characterized in that the pressure in the reaction chamber, the feed rate for the hydrogen plasma gas and the angle of the injection nozzles in the reaction chamber are adjusted in order to establish a reaction zone in the central area of the chamber at a location where the reaction entalpy for the decomposition of the hydrocarbons into hydrogen and carbon black has a desired, predetermined value, in order to obtain a desired quality for the carbon part, the enthalpy value being adjusted in a range between 1 and 50 kW/Nm³/h, preferably between 2 and 20 kW/Nm³/h, and that the temperature in the reaction zone is thereby maintained between 1000 and 4000°C preferably between 1600 and 3000°C.



(Com. 16 Pages; Drwgs. 4 Sheets)

Ind. Cl. : 206 A 182067

Int. Cl.[6] : H 01 Q 1/00, 21/00

A MULTIBAND ANTENNA SYSTEM FOR OPERATING AT L-BAND, S-BAND AND UHF BAND.

Applicant : INDIAN SPACE RESEARCH ORGANISATION DEPARTMENT OF SPACE ANTHARIKSH BHAVAN, NEW BEL ROAD, BANGALORE-560 094 KARNATAKA, INDIA; AN INDIAN GOVERNMENT ORGANISATION.

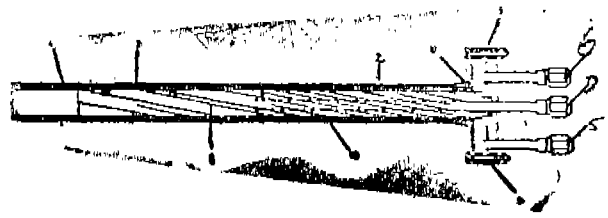
Inventors :
1. DR. S. PAL
2. V. K. LAKSHMEESHA
3. V. MAHADEVAN
4. L. NICHOLAS
5. K. SADANANDAN
6. M. KUMAR
7. C. D. V. SUBRAMANYA
8. V. SUBRAMANYA
9. T. MALLIKARJUNAIAH
10. S. ASWATHNARAYANA
11. M. L. SUBRAMANYA.

Application No. 925/Mas/93 filed on 21st Dec., 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

4 Claims

A multiband antenna system for operating at L-band, S-band and UHF-band comprising L-Band antenna elements (1) and S-band antenna elements (2) provided in the form of quadrifilar helices spaced from each other on the surface of a hollow cylindrical insulotor (4), UHF band antenna elements (3) provided in the form of a cage dipole on the surface of the said hollow cylindrical insulator (4); the L-band antenna input being connected to a first connector (5) through an L-band feed network card (8); the S-band antenna input being connected to a second connector (6) through and S-band feed network card (9) and the UHF-band antenna input being connected to a third connector (7) through a split sheath balun (10) provided along the axis of the said hollow cylindrical insulator (4).



(Com. 8 Pages; Drwgs. 2 Sheets)

Ind. Cl. : 172 D 2 182068

Int. Cl.[6] : D 01 H 9/00, D 01 H 13/00

SPINNING APPARATUS.

Applicant : RIETER INGOLSTADT SPINNEREIMASCHINENBAU AKTIENGESELLSCHAFT OF FRIEDRICH-EBERT-STRASSE 84, 85046 INGOLSTADT, GERMANY.

Inventors :
1. POHN, ROMEO
2. ECKART, JURGEN
3. SCHULLER, EDMUND
4. MEIER, THOMAS

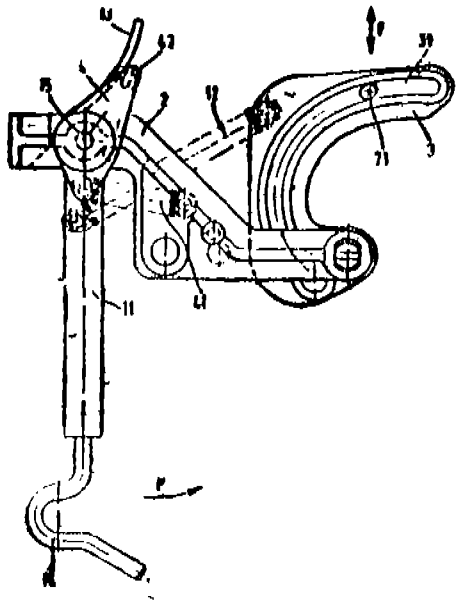
Application No. 017/Mas/1994 filed on 13th Jan. 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

10 Claims

Spinning apparatus having a yarn delivery point for delivering yarn at a constant speed and spooling apparatus for spooling the yarn onto cross-wound bobbins, in particular conical cross-wound bobbins, and having a thread store for receiving thread loops between the yarn delivery point and the spooling apparatus, the thread store having a spring-loaded floating arm which engages in the path of the thread and deflects the thread in the working range of the floating arm to give a loop of varying length, the floating arm being acted upon by a first resilient element so that the force of the first resilient element which is exerted on the floating arm increases as the thread loop becomes smaller, wherein the floating arm may be acted upon by the first resilient element, there being provided a stop which may be acted upon by a

second resilient element against which the floating arm is arranged to strike in the event of movement in opposition to the force of the first resilient element, and wherein the stop is mounted rotatably in opposition to the force of the second resilient element.



(Com. 16 Pages; Drwgs. 3 Sheets)

Ind. Cl. : 195 B. 182069

Int. Cl.[4] : F 15 B 21/02.

MECHATRONIC HYDRAULIC VALVE.

Applicant : INDIAN SPACE RESEARCH ORGANISATION, DEPARTMENT OF SPACE, ANTHARIKSH BHAVAN, NEW BEL ROAD, BANGALORE-560 094.

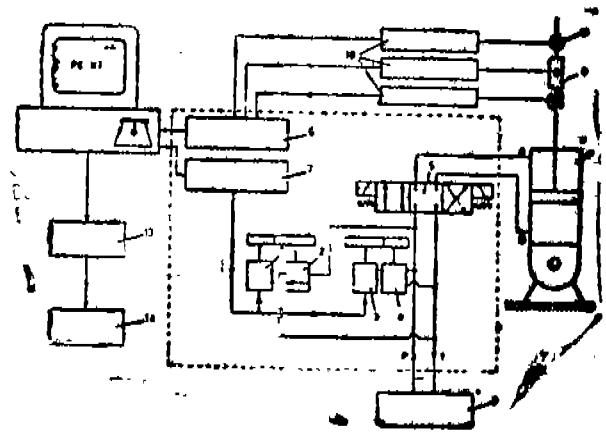
Inventors : 1. RAJKUMAR SAMUEL.
2. ANANTHA VISWANATH PATKI.
3. PARAMESHWARAN SIVASANKARAN NAIR.
4. KUTTY KRISHNA MENON HARIDAS.
5. VASUDEVAN KESAVAN.

Application No. 37/Mas/94 filed on 21st January, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai.

4 Claims

A mechatronic hydraulic valve for static load testing machine comprising a direction control hydraulic valve (5) connected to a hydraulic power supply (8) through a pressure relief valve (2) and a shut off valve (4), a first stepper motor (1) coupled with the said pressure relief valve (2) and a second stepper motor (3) coupled with the said shut off valve (4) for controlling the hydraulic loading, the said first and second stepper motors (1, 3) being controlled by a programmed PC which acquires the applied load feed back data from the specimen undergoing hydraulic loading.



(Compl. Specn. : 7 pages; Drwgs. : 4 sheets)

Ind. Cl. : 126 D. 182070

Int. Cl.[4] : G D 1 B 21/30.

A DEVICE FOR IN-PROCESS MONITORING OF SURFACE FINISH OF A WORK-PIECE DURING MANUFACTURE.

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. POST, MADRAS-600 036, TAMIL NADU, INDIA, AN AUTONOMOUS BODY SET UP BY THE GOVERNMENT OF INDIA UNDER AN ACT OF PARLIAMENT.

Inventors : 1. VASUDEVAN PILLAI RADHAKRISHNAN.
2. SAJI VARGHESE.
3. NEDUNGHAT ACHUTHAN.

Application No. 156/Mas/94 filed on 7th March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai.

5 Claims

A device for in-process monitoring of surface finish of a work-piece during manufacture thereof, comprising a slender probe movably mounted close to the work-piece; first means provided for the probe for passing a continuous stream of dielectric fluid through the gap between the probe and the work-piece; second means connected to the probe for supplying a pulsed voltage thereto; third means connected to the second means for sensing, recording/displaying the signal corresponding to the average voltage values across the said gap, as the probe is moved along and over the work-piece.

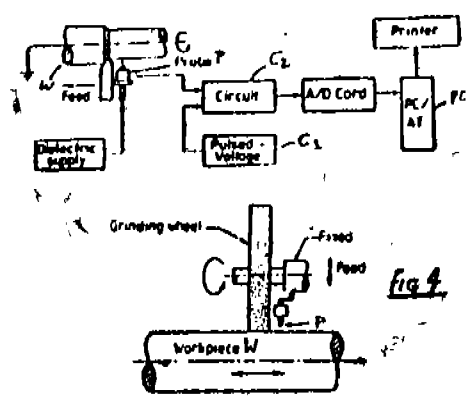


Fig 4

(Compl. Specn. : 10 pages Drwgs. : 2 sheets)

PATENT SEALED ON 20-11-98

176905*D 178280*D 180240 180271 180272 180273 180274* 180275 180276 180277* 180278* 180280*D 180281 180282 180283 180284 180286 180288* 180290 180291 180292* 180293* 180294 180296* 180297* 180298 180300*F 180303 180304* 180305 180306 180307 180309 180313 180319 180520*D 180991

CAL—01, DEL—09, MUM—02, CHEN—25

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 10. No. 174401 to 174407, M/s. Dhupar Shoe Aid Pvt. Ltd., 7/82, Tilak Nagar, Kanpur (U.P.), India, a separate entity body which are regd. under the provision of Companies Act, 1956, "Sole of Footwear", 29th July 1997.

Class 1. No. 174409, Punjab Stainless Steel Industries, B 61, Wazirpur Ind. Area, New Delhi-110052, India, an Indian partnership firm, "Bucket", 29th July 1997.

Class 1. No. 174410, Punjab Stainless Steel Industries, B 61, Wazirpur Ind. Area, New Delhi-110052, India, an Indian partnership firm, "Plate", 29th July 1997.

Class 3. No. 174418, Reynolds, a 'societe anonyme' organised under the laws of France of Chemin Des Huguenots, 26000 Valence, France, "Ball Point Pen", 29th July 1997.

Class 3. No. 174419, Vishesh Enterprises, A 204, Claridge, Samarth Nagar, Cross Road No. 3, Lokhandwala Complex, Andheri (W) Mumbai-58, Maharashtra, India, proprietory concern, "Tooth Brush", 30th July 1997.

Class 3. Nos. 174421, 174423 & 174424, L. V. Sham Cottage Industries, 2292 2, Inside Gate Hakiman, Amritsar-143001, Punjab, India, an Indian partnership concern, "Torch", 30th July 1997.

Class 3. No. 174425, Mrs. Sadhana Shivaji Darade, Proprietor, Prasad Plastic & Engineering Works, S. No. 681/1 Geeta Vasahat, Opp. Vimal Tailors, Landewadi, Bhosari, Pune-411039, Maharashtra, India, an Indian citizen, an Indian proprietorship company, "Domestic Spray Pump", 30th July 1997.

Class 3. No. 174426, Uday Ramchandra Ralkar, 20 Kotkar Estate, Off Aarey Road, Goregaon (E), Mumbai-400063, Maharashtra, India, an Indian citizen, "Remote Control Device for Regulator of Fans & Lights", 30th July 1997.

Class 1. No. 174428, Honda Giken Kogyo Kabushiki Kaisha, a corporation of Japan, having a place of business at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan, "Motor Cycle", 31st July 1997.

Class 3. No. 174429, A. W. Faber-Castell Unternehmensverwaltung GmbH & Co., Trading as A. W. Faber-Castell GmbH & Co., a limited partnership (Kommanditgesellschaft) organised under the laws of Germany, Nurnberger Strasse 2, D 90546 Stein, BRD, Germany, "Line Marker" 1st August 1997.

Class 14. Nos. 174430 to 174432, The Procter & Gamble Company, a corporation organized under the laws of the State of Ohio, U.S.A., of One procter & Gamble Plaza, Cincinnati, State of Ohio, U.S.A., "Seam for Disposable Article", 1st August 1997.

Class 12. No. 174433, Sujata Proteins Food Products Pvt. Ltd., an Indian company of 154P, B. T. Road, Panihati, 24 Paraganas (N), West Bengal, India, "Biscuit", 1st August 1997.

Class 3. No. 174434, Reynolds, a societe anonyme organised under the laws of France, of Chemin Des Huguenots, 26000 Valence, France, "Felt Tip Pen", 1st August 1997.

Class 1. No. 174435, Bajaj Auto Ltd., Akurdi, Pune-411035, Maharashtra, India, an Indian company, "Shield with side Indicators for Scooter", 1st August 1997.

Class 3. No. 174436, Bajaj Auto Ltd., Akurdi, Pune-411035, Maharashtra, India, an Indian company, "Shield for Scooter", 1st August 1997.

Class 3. Nos. 174437 & 174438, Edding Rotomac Pvt. Ltd., of 201 City Centre, 63/2, The Mall, Kanpur-208004, U. P., India, "Pen", 1st August 1997.

Class 3. No. 174440, Mohan Shreenivas Rao, Proprietor of M/s. Saral Utilities having office at A 9, Ambuja Apartment, Gopal Chowk, Bhairavnath, Maninagar, Ahmedabad-380008, India, an Indian company, "Food Processor", 4th August 1997.

Class 10. No. 174441, Polygon Foorwear India (P) Limited, of A/4 U dyog Sadan Bldg. No. 1, Opp. E.S.I.S. Hospital, M.I.D.C., Andheri (E), Mumbai-400093, Maharashtra, India, Indian company, "Footwear Sole", 4th August 1997.

Class 3. No. 174442, Senthamanglam Parthasarathy Gopalakrishnan, No. 48, Whites Road, Royapettah Chennai-600014, Tamilnadu, India, Indian National, "COMB", 4th August 1997.

Class 1. No. 174444, Velmor Home Decor Pvt. Ltd., of Dayasagar Industrial Estate, Godder Road, Bhayander-401105, Maharashtra, India, Indian Company, "TISSUE ROLL HOLDER", 4th August 1997.

Class 1. No. 174445, Velmor Home Decor Pvt. Ltd., of Dayasagar Industrial Estate, Godder Road, Bhayander-401105, Maharashtra, India, Indian Company, "BUMB JET SPRAY", 4th August, 1997.

Class 1. No. 174446, Velmor Home Decor Pvt. Ltd., of Dayasagar Industrial Estate, Godder Road, Bhayander-401105, Maharashtra, India, Indian Company, "GLASS RACK", 4th August 1997.

Class 3. No. 174447, Velmor Home Decor Pvt. Ltd., of Dayasagar Industrial Estate, Godder Road, Bhayander-401105, Maharashtra, India, Indian Company, "TOOTH BRUSH HOLDER", 4th August 1997.

Class 3. No. 174448, Velmor Home Decor Pvt. Ltd., of Dayasagar Industrial Estate, Godder Road, Bhayander-401105, Maharashtra, India, Indian Company, "SOAP STAND", 4th August 1997.

Class 3. No. 174449, Velmor Home Decor Pvt. Ltd., of Dayasagar Industrial Estate, Godder Road, Bhayander-401105, Maharashtra, India, Indian Company, "TUMBLER", 4th August 1997.

Class 1. No. 174450, Velmor Home Decor Pvt. Ltd., of Dayasagar Industrial Estate, Godder Road, Bhayander-401105, Maharashtra, India, Indian Company, "WALL PEG", 4th August 1997.

Class 1. No. 174451, Velmor Home Decor Pvt. Ltd., of Dayasagar Industrial Estate, Godder Road, Bhayander-401105, Maharashtra, India, Indian Company, "TOWEL RACK", 4th August, 1997.

Class 3. Nos. 174463 & 174464, Andrew Thorold Toll, an Australian Citizen of P. O. Box 1888, Bundaberg, Queensland-4670, Australia, "THREE DIMENSIONAL TRIANGULAR SIGN", 7th February 1997 (Reciprocity date).

Class 12. No. 174479, Parle Products Limited, of Nirlon House, 254 B, Dr. A. Besant Road, Mumbai-400025, Maharashtra, India. "BISCUIT", 6th August 1997.

COPYRIGHT EXTENDED FOR THE 2ND PERIOD OF FIVE YEARS

Number :—

166037, 175811, 166632, 166339, 166338, 166336, 166333, 166340, 166341, 173794, 173796.—Class-1.

Number :—

165426, 171806, 164056, 164055, 166331, 166320.—Class-3.

Number :—

164057.—Class-5.

Number :—

166324.—Class-12.

COPYRIGHT EXTENDED FOR THE 3RD PERIOD OF FIVE YEARS

Number :—

160275, 160276, 160277, 160278, 160280, 160279, 160281, 160282, 160283, 160284, 159750.—Class-3.

Number :—

163774, 160263, 160264, 160265, 160266.—Class-10.

H. D. THAKUR
Controller General of Patents Designs & Trade Marks.

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1998